Listing of Claims:

23-44 (Canceled)

45. (New) A method for speech recognition, comprising:

receiving a digital data representation of speech having at least one word;

decoding the digital data representation;

determining a set of ASCII characters based on the decoded digital data representation;

grouping together each ASCII character in the set of ASCII characters;

determining the number of syllables in the speech having the at least one word based on the digital data representation; and

confirming that the grouped together ASCII characters in the set of characters corresponds to the speech having the at least one word by matching the determined number of syllables with the number of syllables for the word in a syllables library.

46. (New) The method as set forth in claim 45, wherein the decoding of the digital data representation further includes parsing the digital data representation to extract segments of binary bits.

47. (New) The method as set forth in claim 46, wherein determining the set of ASCII characters further includes mapping each segment of binary bits to an ASCII character.

48. (New) The method as set forth in claim 45, further comprising providing the grouped together ASCII characters.

49. (New) The method as set forth in claim 45, wherein receiving the digital data representation of speech further includes receiving a binary bit stream from a sound card.

50. (New) The method as set forth in claim 45, wherein receiving the digital data representation of speech further includes receiving a digital waveform representation of the speech from a sound card.

51. (New) The method as set forth in claim 45, further comprising:

receiving user input including at least some ASCII characters in the speech having the at least one word;

storing the user input; and

associating user input including at least some ASCII characters with the received digital data representation.

52. (New) The method as set forth in claim 45, wherein the user input is received from a keyboard.

53. (New) The method as set forth in claim 45, wherein the user input received is user auditory input from a sound card.

54. (New) The method as set forth in claim 45, further comprising matching the digital data representation of the speech having the at least one word to a digital data representation in a waveform library based on at least one of: waveform frequency, period and amplitude.

55. (New) A method for speech recognition, comprising:

receiving a digital data representation of speech having at least one word;

decoding the digital data representation;

determining a set of ASCII characters based on the decoded digital data representation;

grouping together each ASCII character in the set of ASCII characters;

confirming that the grouped together ASCII characters in the set of characters corresponds to the speech having the at least one word by matching the digital data representation of the speech having the at least one word to a digital data representation in a library based on at least one of: waveform frequency, period and amplitude; and

providing the grouped together ASCII characters in a user library in response to the digital data representation of the speech having the at least one word being identical to a digital data representation in the library.

56. (New) The method as set forth in claim 55, further comprising:

receiving user input having at least some ASCII characters in the at least one word of the speech in response to not finding a match in the library;

storing the user input having the at least some ASCII characters; and

associating the at least some ASCII characters with the received digital data representation of the speech having the at least one word.

57. (New) The method as set forth in claim 55, further comprising:

displaying a list of closest word matches from the library in response to not finding an identical word match in the library;

receiving a user selection of a word from the displayed list; and

storing the user selected word and associating the letters thereof with the received digital data representation of the at least one word.

58. (New) The method, as set forth in claim 55, further comprising mapping the digital waveform data representation of the speech having the at least one word to the grouped together ASCII characters.

59. (New) The method, as set forth in claim 55, wherein providing the grouped together ASCII characters includes displaying the grouped together ASCII characters on a computer screen.

60. (New) The method as set forth in claim 55, wherein receiving the digital data representation of speech further includes receiving a binary bit stream from a sound card.

61. (New) The method as set forth in claim 55, wherein receiving the digital data representation of speech further includes receiving a digital waveform representation of the speech from a sound card.

62. (New) The method as set forth in claim 55, wherein the user input is received from a keyboard.

63. (New) The method as set forth in claim 55, wherein the user input received is user auditory input from a sound card.

64. (New) The method as set forth in claim 55, further comprising forming a document using a collection of grouped together ASCII characters; and transmitting the document.

65. (New)A speech recognition system, comprising:

a digital data representation of speech having at least one word;

a decode digital data representation of speech process operable to receive a digital data representation of speech having at least one word and decode the digital data representation; determine a set of ASCII characters based on the decoded digital data representation; and group together each ASCII character in the set of ASCII characters;

a syllable matching process operable to receive the digital speech representation and determine the number of syllables in each word in the of speech having at least one word and verify that the grouped together ASCII characters in the set of characters corresponds to the speech having the at least one word by matching the determined number of syllables with the number of syllables for the word in a syllables library;

a display screen operable to display the grouped together ASCII characters.

66. (New) The system as set forth in claim 65, further comprising a ASCII decode mapping module operable to map the grouped together ASCII characters with user input having at least some ASCII characters in the at least one word of the speech.